

Attorney Docket:  
UBAT1300

Customer ID: 25094

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:  
Serial No.:  
Group Art No.:  
Filing Date:  
Title:



William B. Dress  
09/671,636  
2631  
September 27, 2000

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Technology Center 2600

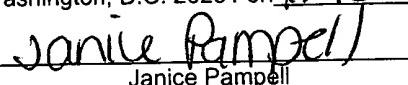
**HYBRID SPREAD-SPECTRUM TECHNIQUE  
FOR EXPANDING CHANNEL CAPACITY**

Commissioner of Patents  
Washington, D.C. 20231

**Certificate of Mailing Under 37 C.F.R. 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231 on 11-12-, 2002.

Dear Sir:

  
Janice Pampell

Janice Pampell

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the art listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified application. A copy of the art is enclosed for the convenience of the Examiner.

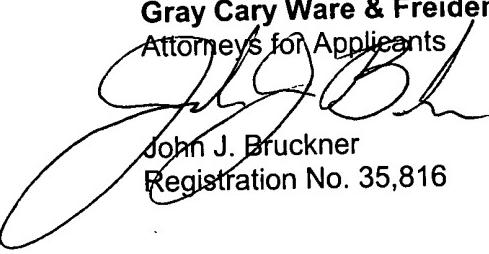
Furthermore, pursuant to 37 C.F.R. §§ 1.97(g) and (h), no representation is made that a search has been made or that this art is material to patentability of the present application. Applicants respectfully submit that the claims of Applicants' above-referenced patent is patentably distinguishable from these references.

Applicants believe no fee is due at this time. However, the Commissioner is hereby authorized to charge any fees due, or refund any credit, to Deposit Account No. 50-0456 of Gray Cary Ware & Freidenrich LLP for any fee under 37 C.F.R. §1.17(i).

Respectfully submitted,

**Gray Cary Ware & Freidenrich LLP**

Attorneys for Applicants

  
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Dated: Nov 8, 2002

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**FORM PTO 1449 US Department of  
Commerce  
Patent and Trademark Office**

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Application Number	09/671,636
Filing Date	September 27, 2000
First Named Inventor	William B. Dress
Group Art Unit	2631
Examiner Name	Unknown
Attorney Docket Number	UBAT1300

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code (if known)		
A1					
A2					
A3					
A4					
A5					
A6					
A7					
A8					RECEIVED NOV 20 2002 Technology Center 2600
A9					

**FOREIGN PATENT DOCUMENT**

Examiner Initials	Cite No.	Country Code	Number	Kind Code (if known)	Publication Date MM-DD-YYYY (Number 43)	Name of Patentee or Applicant of Cited Document
	B1	JP	11-41204	A	February 12, 1999	Daewoo Telecommunication Ltd.
	B2					
	B3					
	B4					
	B5					
	B6					
	B7					
	B8					

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author, title, source, volume, and page(s).	Date
	C1	International Search Report for PCT/US01/30421	September 10, 2002
	C2	Yang, et al., "Blind Joint Soft-Detection Assisted Slow Frequency-Hopping Multicarrier DS-CDMA" IEEE Transactions on Communications, Vol. 48, No. 9, pp. 1520-1529.	September 2000
	C3	Enjia, et al. "The Study of FH/MCFD/SSMA/DPSK Wireless Communication Systems" Department of Electronics, Peking University, International Conference on Communication Technology, pp. S18-06-1 through S18-065.	October 22, 1998
	C4	Oh, et al. "The Bandwidth Efficiency Increasing Method of Multi-Carrier CDMA and its Performance Evaluation in comparison with DS-CDMA with Rake Receivers" Department of Information & Communication Engineering, Chonbuk National University, Chonju, Korea, pp. 561-565.	May 16, 1999
	C5	Nahier, et al., "Das-Multi-Carrier-Spreizspektrumsystem Helex", Vol. 72, No. 16, pp. 78-80.	July 23, 1999
Examiner Signature		Date Considered	